

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|------|--|--|------------------|---------|---------------------|
| L1    | 12   | (radiation).clm. and (((flow adj generator) with gas))   | US-PGPUB;<br>USPAT; USOCR                                      | OR               | ON      | 2009/05/09<br>05:00 |
| L2    | 5    | (lamp).clm. and (((flow adj generator) with gas))  | US-PGPUB;<br>USPAT; USOCR                                      | OR               | ON      | 2009/05/09<br>05:01 |
| L3    | 115  | (lamp).clm. and ((compress\$3 with gas) with (cool\$3 temperature))  | US-PGPUB;<br>USPAT; USOCR                                      | OR               | ON      | 2009/05/09<br>05:19 |
| L4    | 3    | (lamp).clm. and ((compress\$3 with gas) with (liquid near2 cool\$3))   | US-PGPUB;<br>USPAT; USOCR                                      | OR               | ON      | 2009/05/09<br>05:21 |
| S1    | 8    | ((("5,168,194") or ("6,608,967") or ("6,885,815") or ("20020102098")).PN.                                      | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/11/09<br>20:05 |
| S2    | 4    | ((("5,168,194") or ("6,608,967") or ("6,885,815") or ("20020102098")).PN.                                      | US-PGPUB;<br>USPAT   | OR               | OFF     | 2006/11/07<br>19:44 |
| S3    | 3    | ((electromagnetic near2 radiation) and (flow near2 generator)).clm.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/05/13<br>21:19 |
| S4    | 129  | ((electromagnetic near2 radiation) and (flow near2 generator))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/07<br>19:39 |
| S5    | 101  | S4 and @ad<"20040212"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/07<br>19:38 |
| S6    | 47   | (electromagnetic near2 radiation) and (flow near2 generator) and (flow with (water liquid)) and @ad<"20040212" | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/07<br>19:39 |
| S7    | 1    | ("6621199").PN.  | US-PGPUB;<br>USPAT   | OR               | OFF     | 2006/11/07<br>19:44 |
| S8    | 4091 | ((313/231.51,24,23,231.41,35) or (250/504r,436,493.1) or (11/723r)).CCLS.                                      | US-PGPUB;<br>USPAT; USOCR                                      | OR               | OFF     | 2006/11/09<br>20:06 |
| S9    | 1720 | S8 and @ad<"20040212"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/09<br>20:06 |

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| S10 | 196 | S9 and ((liquid coolant) with (tube cylinder))                     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09<br>20:20 |
| S11 | 74  | S9 and ((thickness) with (tube cylinder))                          | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09<br>20:08 |
| S12 | 320 | S9 and (radiation and arc)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09<br>20:08 |
| S13 | 23  | S11 and S12  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09<br>20:08 |
| S14 | 0   | S10 and (cerium with (tube cylinder))                              | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09<br>20:20 |
| S15 | 5   | S9 and ((liquid coolant) with (tube cylinder envelope)) and cerium | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09<br>20:22 |
| S16 | 1   | S9 and ((tube cylinder envelope) with cerium)                      | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09<br>20:32 |
| S17 | 25  | S9 and (cerium)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09<br>20:31 |
| S18 | 99  | S9 and (sapphire)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09<br>20:31 |
| S19 | 11  | S9 and ((tube cylinder envelope) with sapphire)                    | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09<br>20:32 |
| S20 | 4   | 10/777995  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/13<br>22:37 |

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| S21 | 10058 | (lamp same (liquid water)) and insulat\$4 and @ad<"20040212"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/13<br>22:38 |
| S22 | 1301  | (lamp same (cool\$4 with (liquid water))) and insulat\$4 and @ad<"20040212"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/13<br>22:38 |
| S23 | 734   | S22 and (arc discharge)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/13<br>22:43 |
| S24 | 102   | S23 and (cathode and anode)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/13<br>23:01 |
| S25 | 74    | 313/231.51.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/13<br>23:01 |
| S26 | 2     | "6621199".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/26<br>22:07 |
| S27 | 2     | "6849831".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/26<br>23:01 |
| S28 | 2     | "20020024290"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/26<br>23:05 |
| S29 | 4     | "4027185".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/26<br>23:05 |
| S30 | 736   | ((liquid water) near2 cool\$3).clm. and (light electromagnetic radiation discharge arc).clm. and (electrode (anode and cathode)).clm. and @ad<"20040214" | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/20<br>09:34 |
| S31 | 235   | 313/17,22,23,24.ccls. and @ad<"20040214"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/20<br>09:34 |

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| S32 | 5    | "4027185".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/03/20<br>09:36 |
| S34 | 4594 | ((313/231.51,24,23,231.41,35) or<br>(250/504r,436,493.1) or (11/723r)).CCLS.  | US-PGPUB;<br>USPAT; USOCR                                      | OR | OFF | 2009/01/18<br>20:07 |
| S35 | 2    | ("5561735").pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/01/18<br>20:08 |
| S36 | 2    | "4877997".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/01/18<br>20:09 |
| S37 | 2    | "4963783".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/01/18<br>20:10 |
| S38 | 2    | "5504666".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/01/18<br>20:11 |
| S39 | 7    | ("4963783" "4027185").pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/05/08<br>22:57 |
| S40 | 18   | ("3366815").PN. OR ("4027185").URPN.  | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON  | 2009/05/08<br>22:58 |
| S41 | 4    | "3366815".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/05/08<br>23:09 |
| S42 | 18   | ("3366815").PN. OR ("4027185").URPN.  | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON  | 2009/05/08<br>23:14 |
| S43 | 20   | (camm parfeniuk).in. and radiation.clm.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/05/08<br>23:15 |
| S44 | 28   | ("3292028"   "3366815"   "3463957"  <br>"3596124"   "3603827"   "3612933"  <br>"3651358"   "3739215"   "3816784"  <br>"4027185"   "4325006"   "4700102"  <br>"4794230"   "4937490"   "4945288"  <br>"5036242"   "5147130"   "5608227"  <br>"5756959"   "6156995").PN. OR<br>("6621199").URPN. | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON  | 2009/05/08<br>23:17 |

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| S45 | 3133 | (radiation).clm. and (insulat\$3 with ((flow<br>adj generator) liquid water)) | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/08<br>23:30 |
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5/9/2009 5:41:39 AM

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